

Coordinated Articulation Of Wheelchair Members

Name of Inventor: James M. Koerlin

Name & Telephone Number of Person to Call If Necessary:

Ted C. Gillespie: (419) 255-5900

Serial No.

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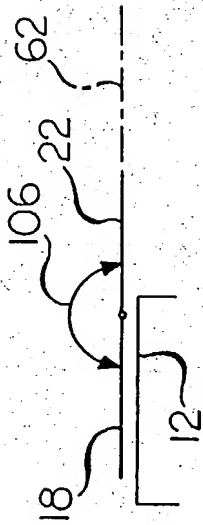


FIG. 2a

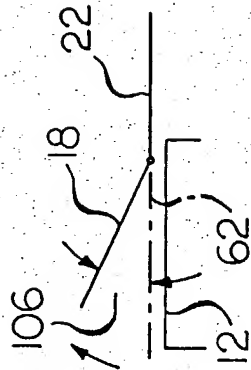


FIG. 2b

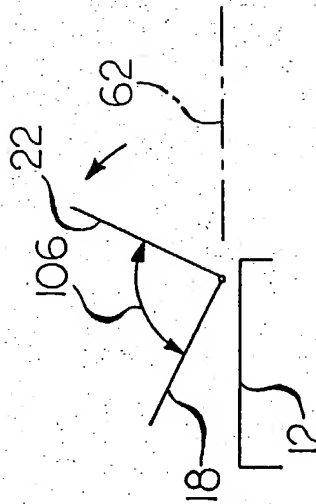


FIG. 2c

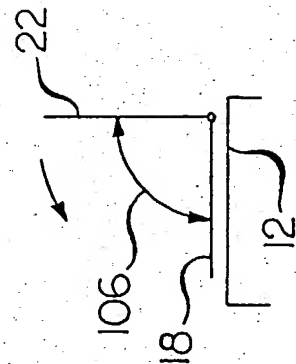


FIG. 2d



FIG. 3a

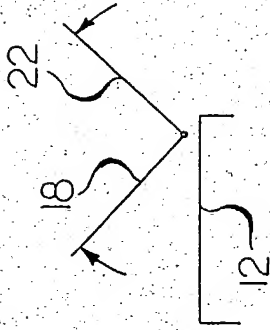


FIG. 3b

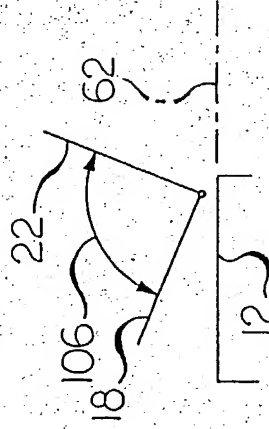


FIG. 3c

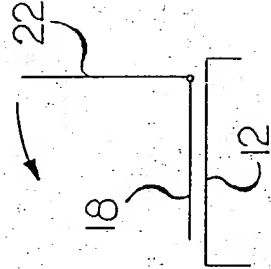


FIG. 3d

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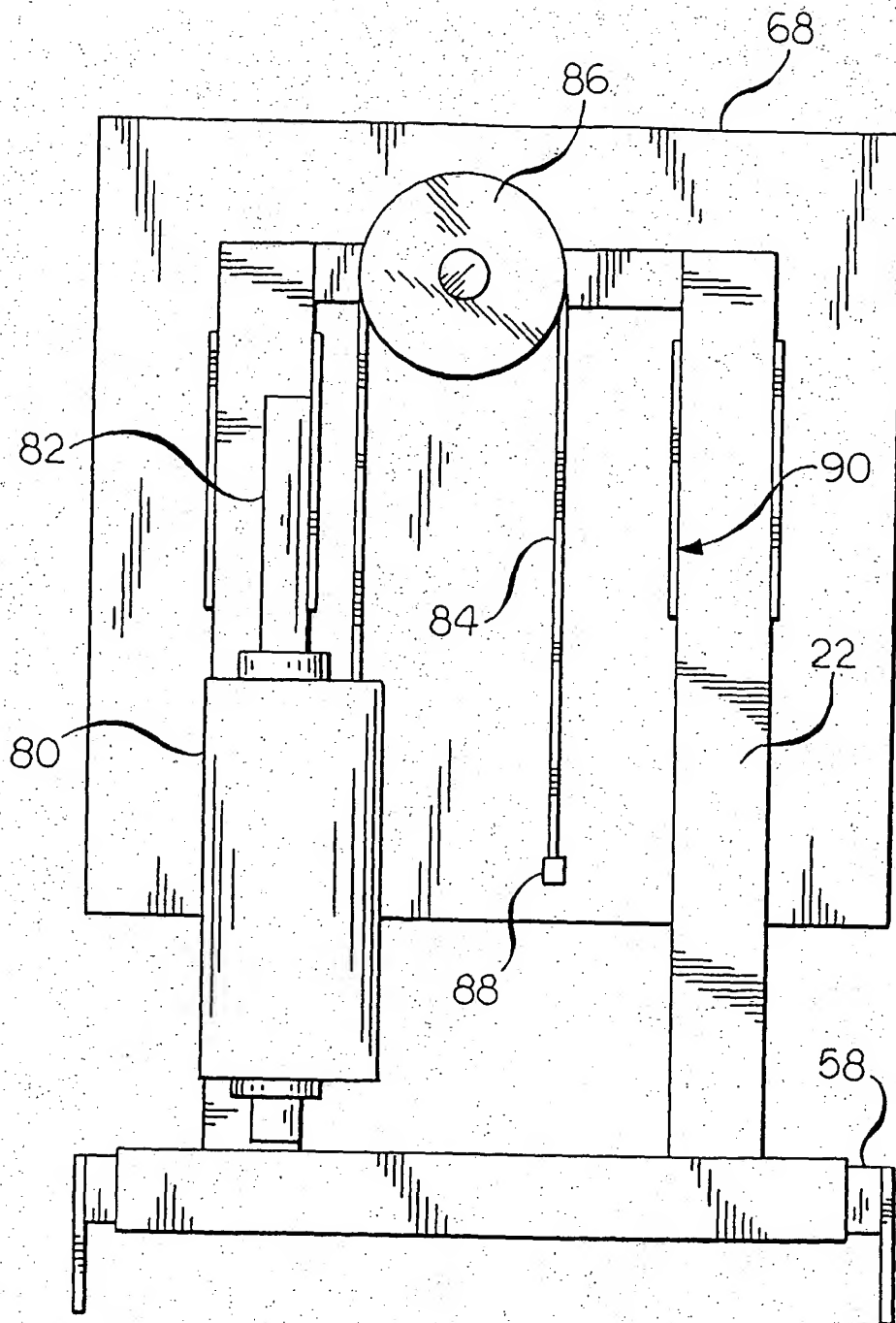


FIG. 4

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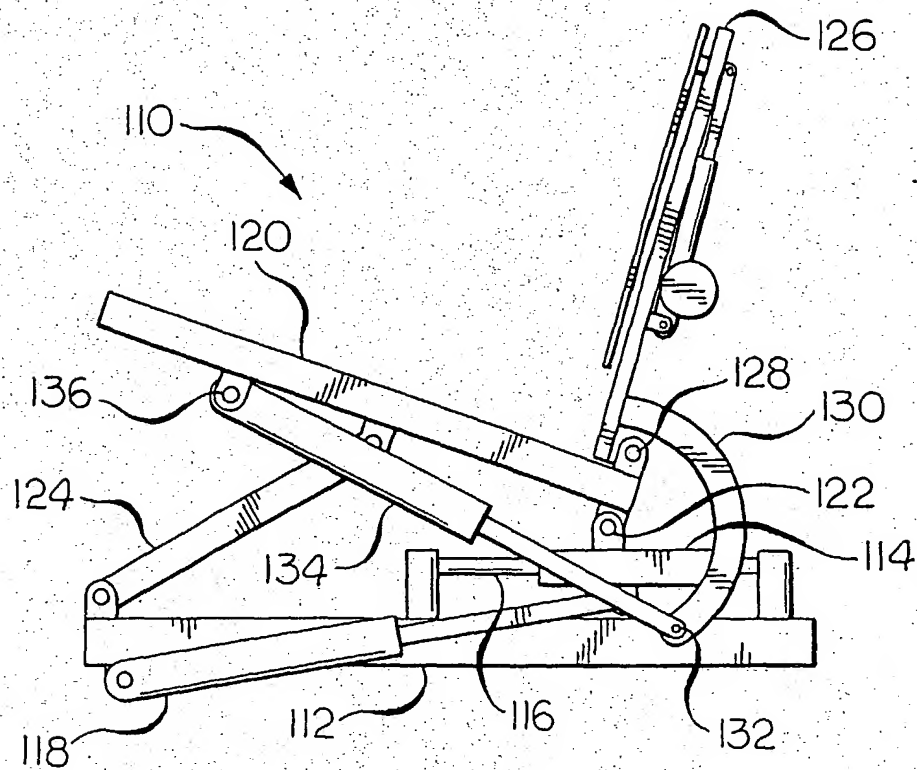


FIG. 5

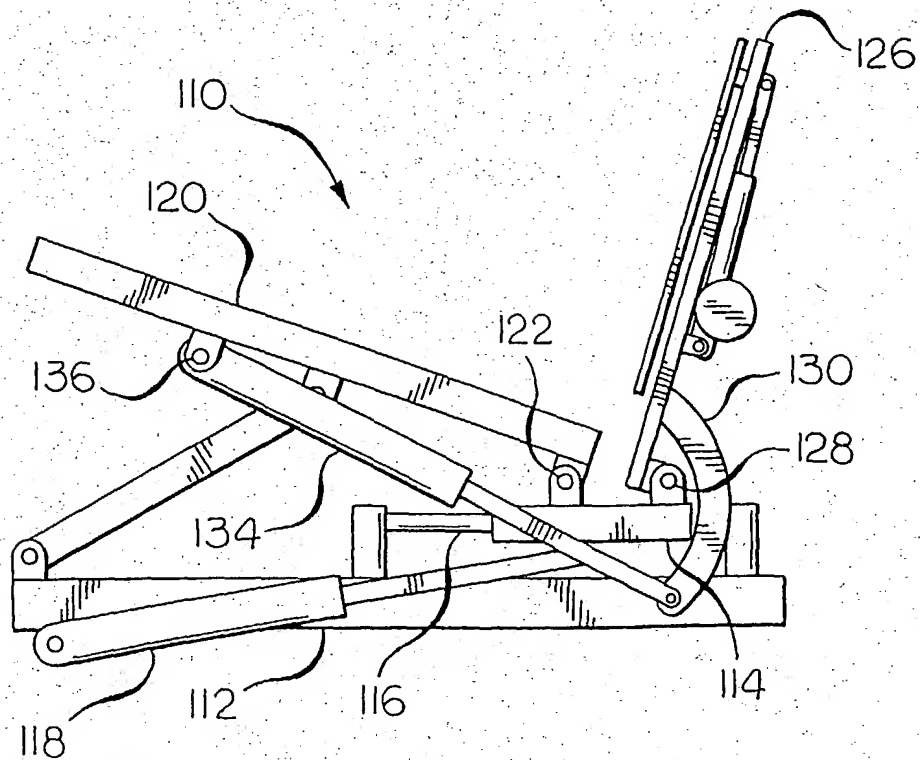


FIG. 6

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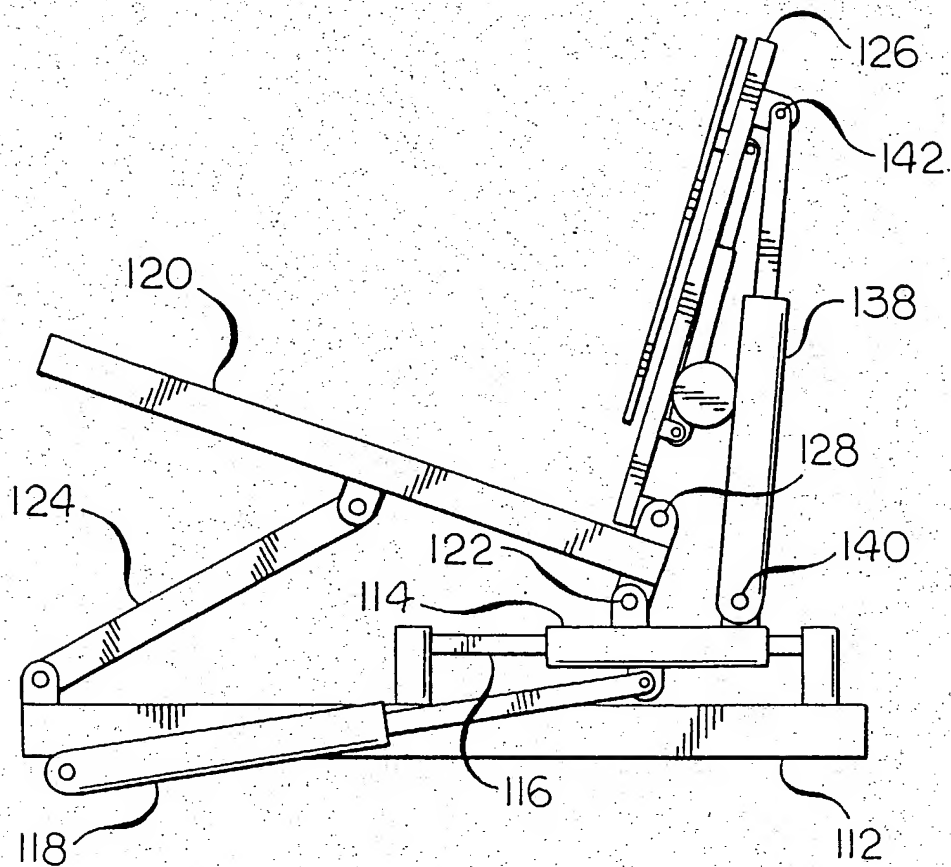


FIG. 7

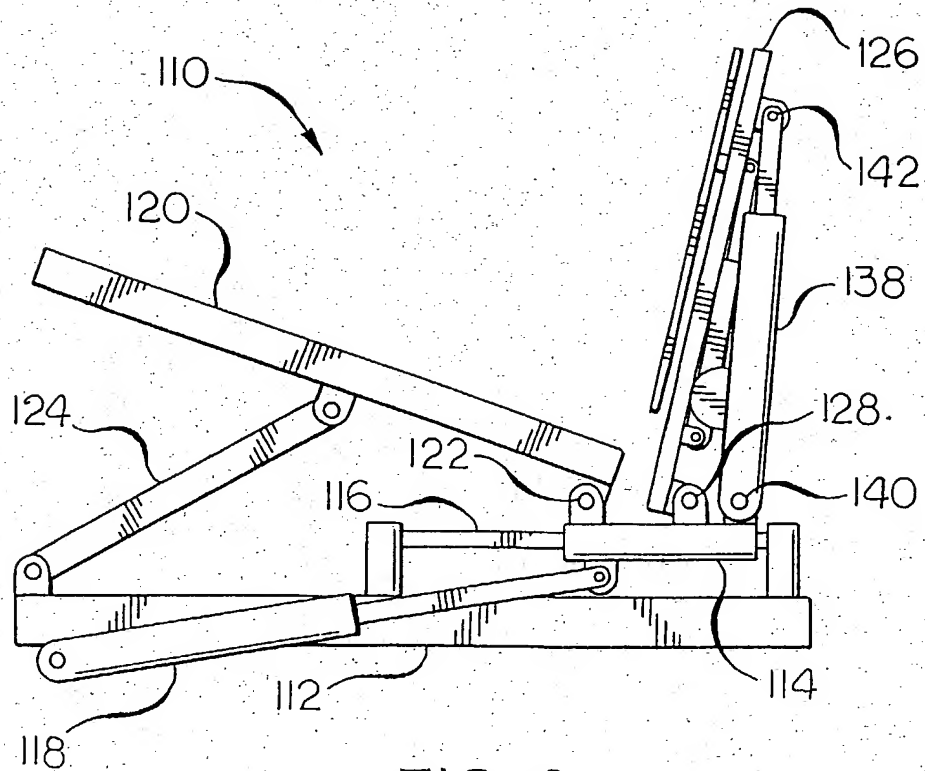


FIG. 8

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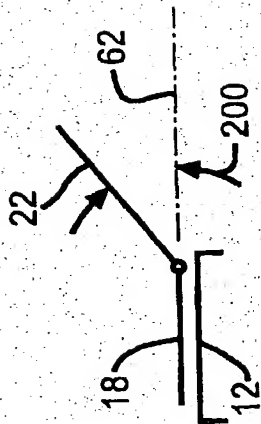


FIG. 10a

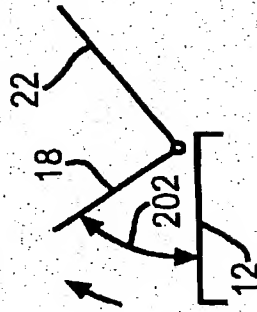


FIG. 10b

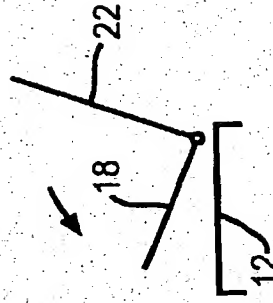


FIG. 10c

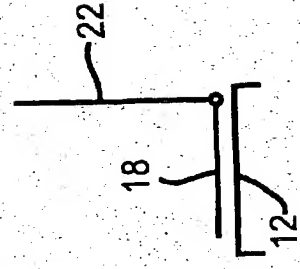


FIG. 10d

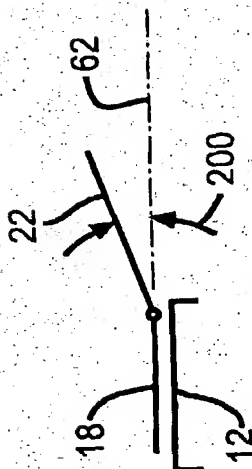


FIG. 11a

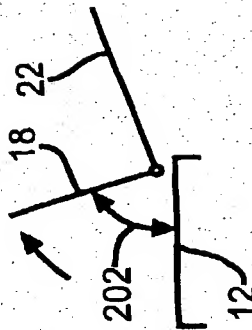


FIG. 11b

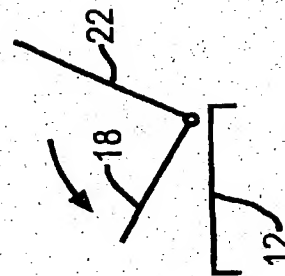


FIG. 11c

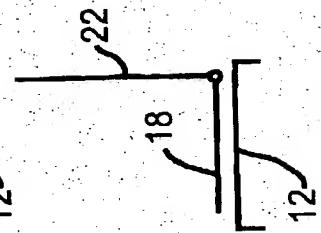


FIG. 11d

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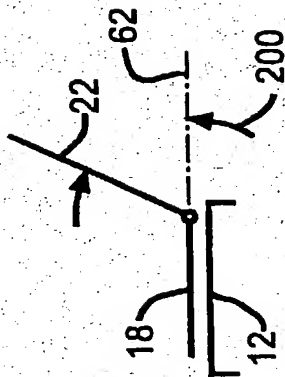


FIG. 12a

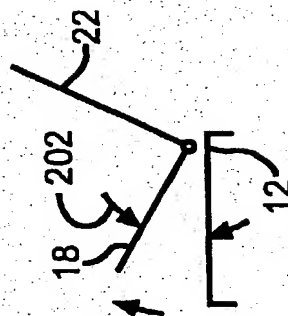


FIG. 12b

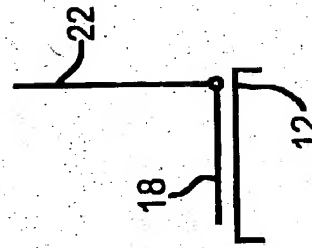


FIG. 12c

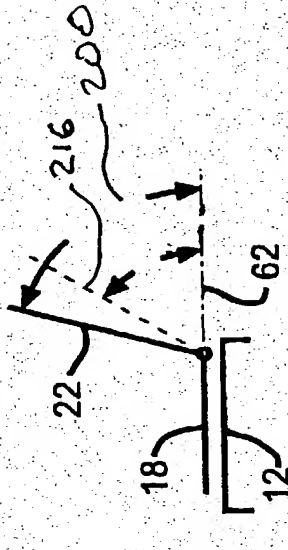


FIG. 13a

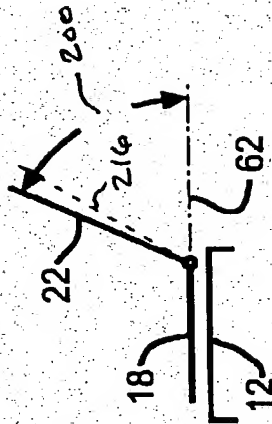


FIG. 13b

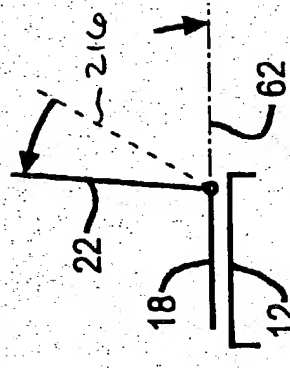


FIG. 13c

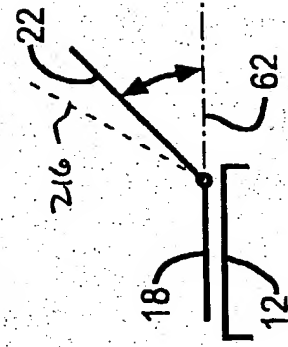


FIG. 13d

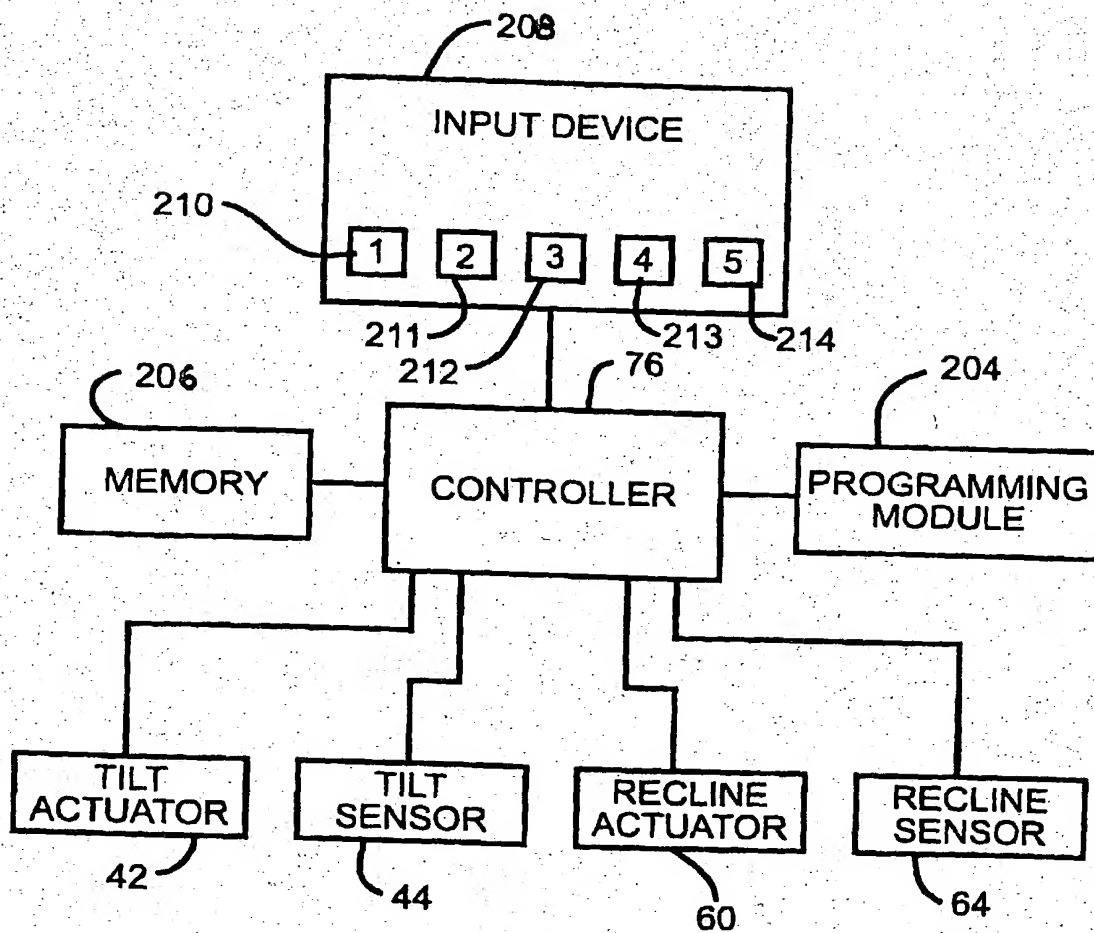


FIG. 14

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Table I – Sequence of Setpoints

Step Number	Position of first articulated member	Position of second articulated member
1	1	1
2	22	15
3	34	22
4	56	30
5	62	36
6	68	44
7	74	57
8	85	72
9	94	80
10	103	84
11	121	89
12	145	92

FIG. 15

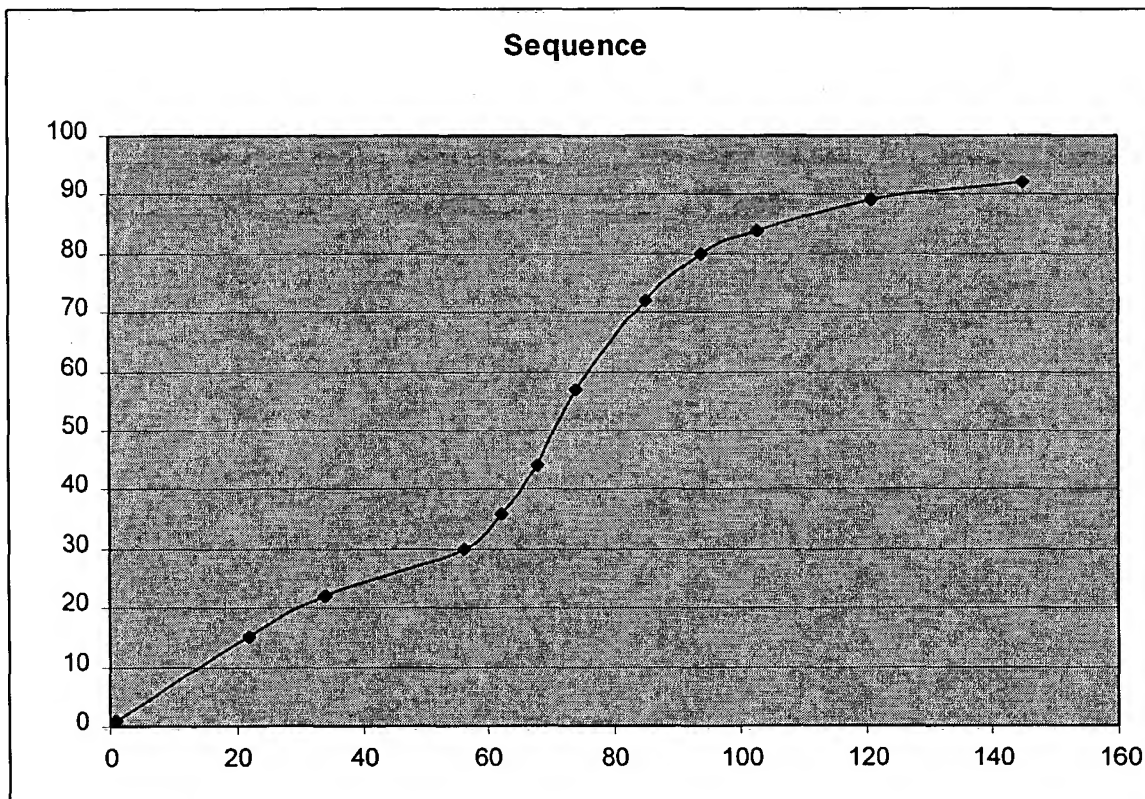


FIG. 16

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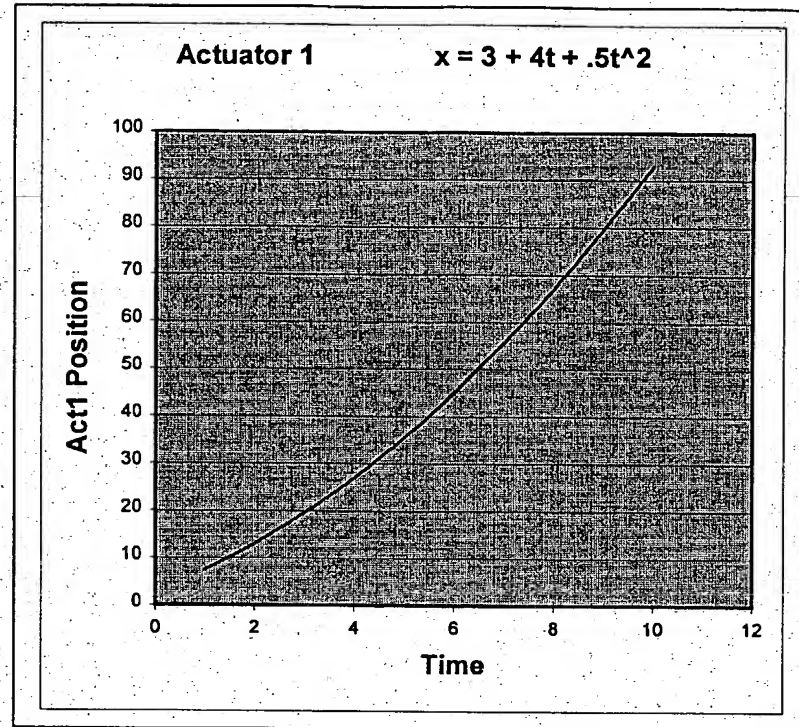


FIG. 17

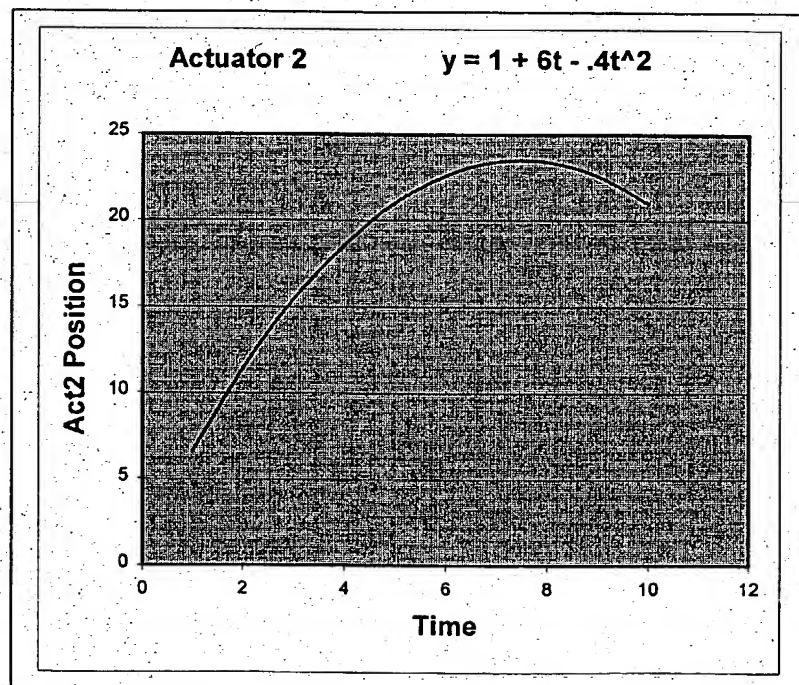


FIG. 18